



Cal OES Winter Weather Outlook

2016 – 2017



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Created – October 21, 2016



Executive Overview



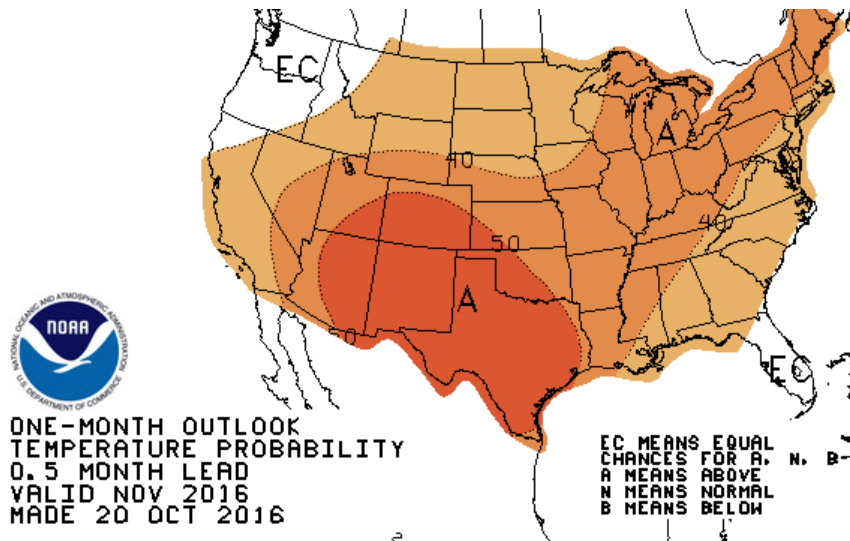
- La Niña is expected to develop this season
- Model consensus is that this La Niña will only reach weak intensity
- Current Outlook:
 - No clear, reliable, long-term signals exist in precipitation across northern and central CA
 - Below normal precipitation is slightly favored across southern CA
 - Above normal temperatures are favored for the entire state
 - Odds are better across the southern two thirds of CA
- Long-term extreme drought is expected to continue or even intensify for much of CA
 - Some drought relief expected in far northern CA



November Outlook

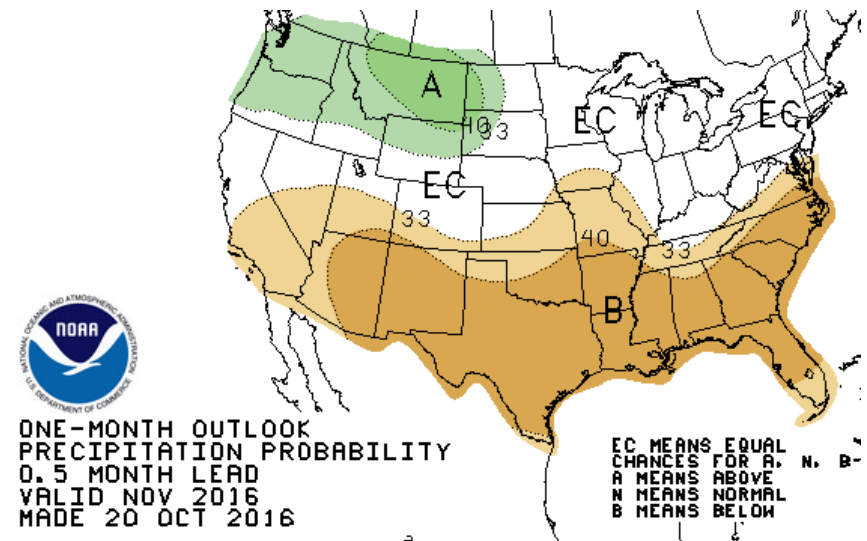


Temperature



- Above normal temperatures are favored throughout much of CA

Precipitation



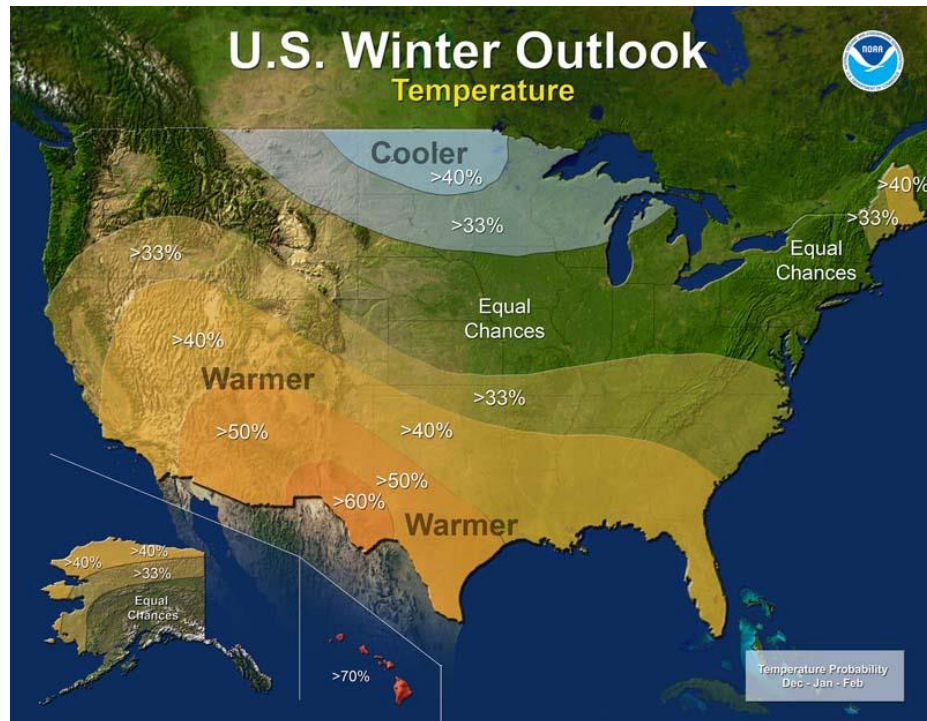
- Below normal precipitation is favored across southern CA
- Equal chances for above normal, below normal, and normal precipitation across northern CA



Dec–Feb Outlook

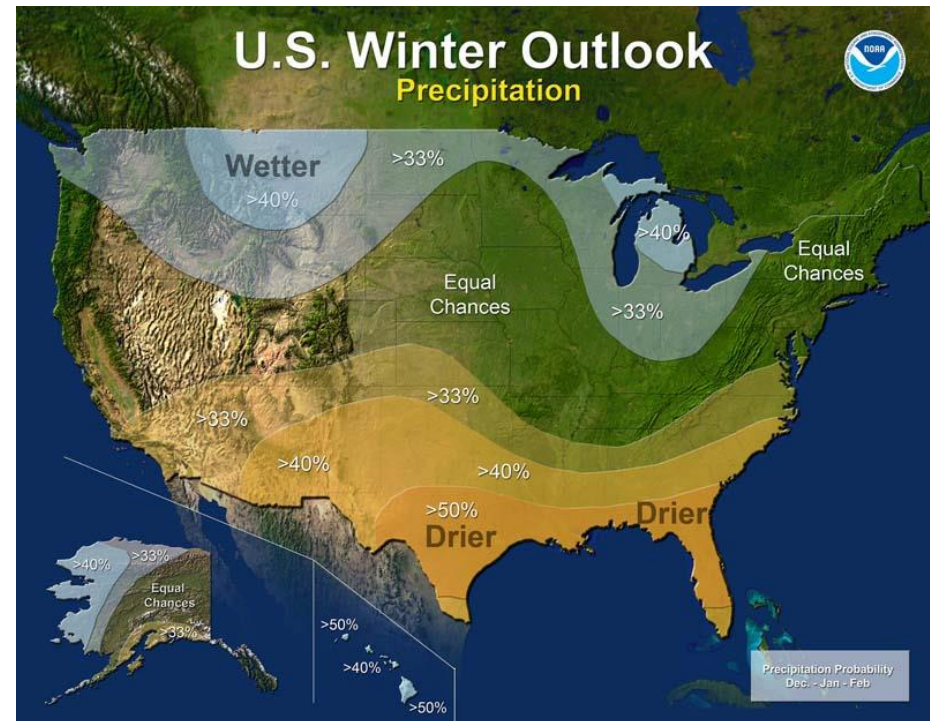


Temperature



- Above normal temperatures are favored throughout CA and especially the southern 2/3rds of the state

Precipitation



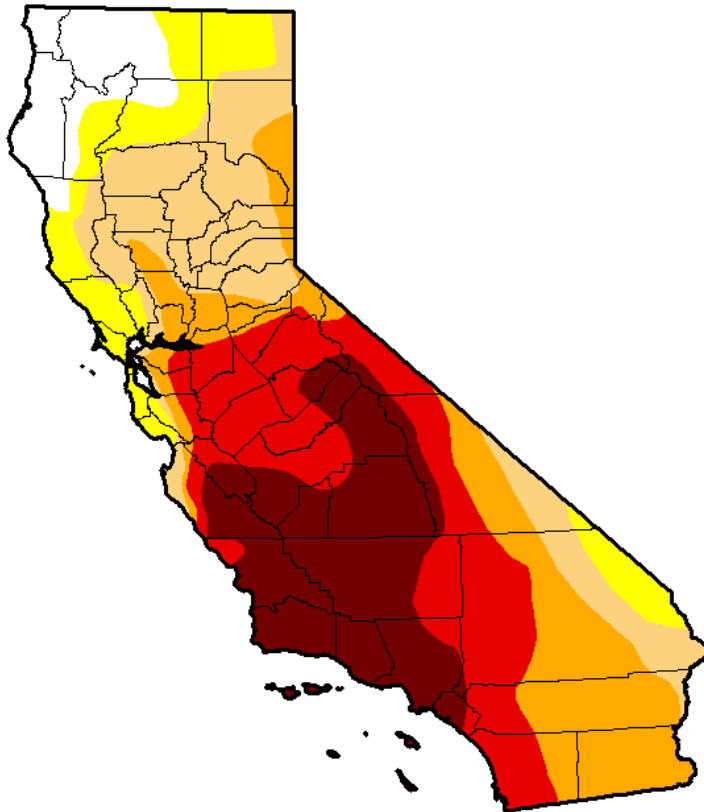
- Equal chances for above, below, and normal precipitation across northern and central CA
- Below normal precipitation is slightly favored across southern CA



Latest Drought Monitor



U.S. Drought Monitor California



October 18, 2016

(Released Thursday, Oct. 20, 2016)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	7.77	92.23	81.12	61.80	42.80	21.04
Last Week <i>10/11/2016</i>	0.00	100.00	83.59	62.27	42.80	21.04
3 Months Ago <i>7/19/2016</i>	0.00	100.00	83.59	59.02	42.80	21.04
Start of Calendar Year <i>12/29/2015</i>	0.00	100.00	97.33	87.55	69.07	44.84
Start of Water Year <i>9/27/2016</i>	0.00	100.00	83.59	62.27	42.80	21.04
One Year Ago <i>10/20/2015</i>	0.14	99.86	97.33	92.27	71.08	46.00

Intensity:

D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought
D2 Severe Drought	

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

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U.S. Department of Agriculture



<http://droughtmonitor.unl.edu/>

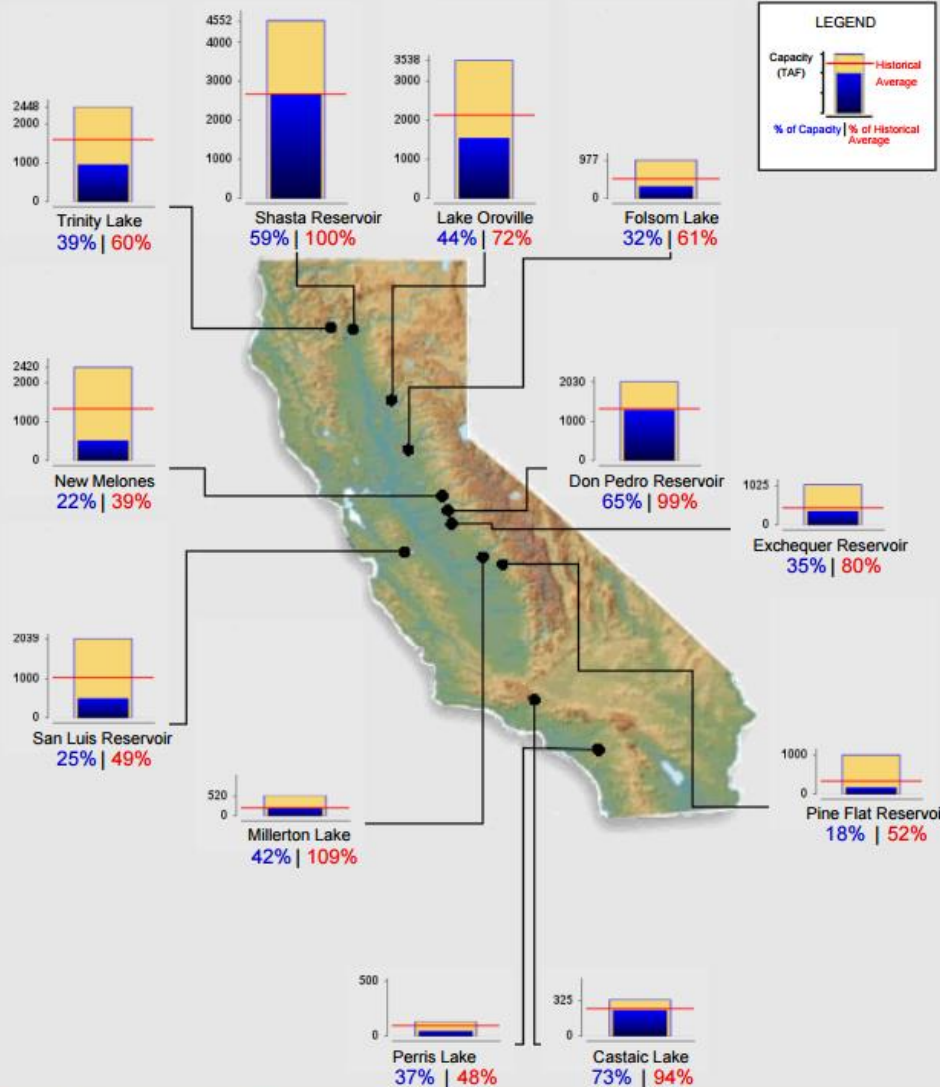




Reservoir Conditions

Ending At Midnight - October 20, 2016

CURRENT RESERVOIR CONDITIONS



Graph Updated 10/21/2016 09:15 AM



State and Regional Water Supply

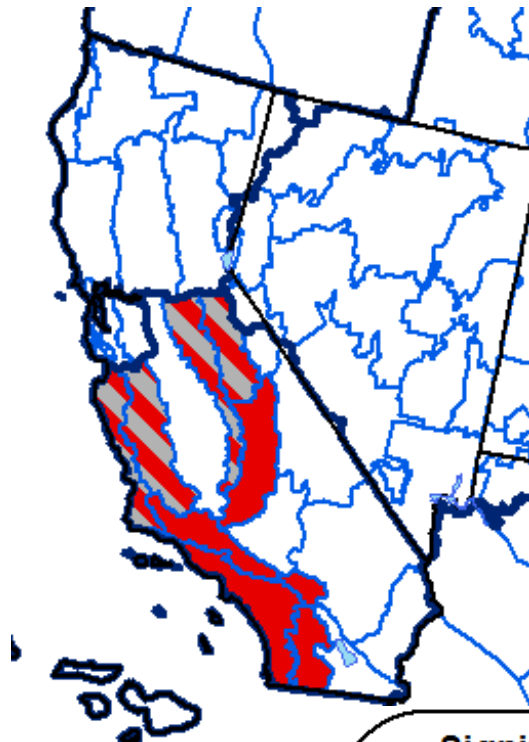
- Nearly all reservoirs are well below capacity
- Most below historical averages



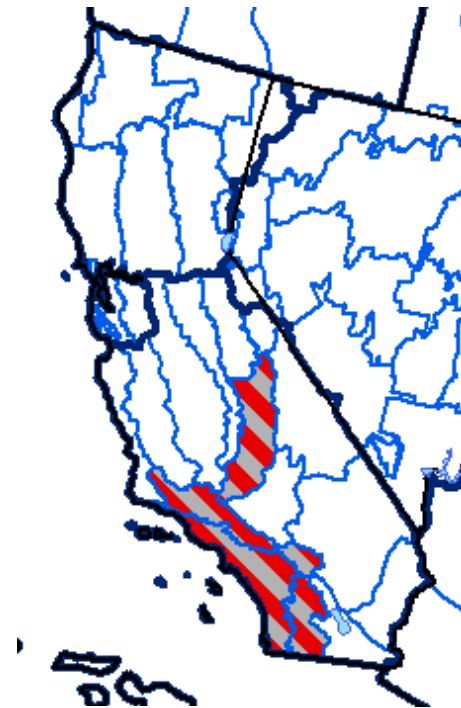
Significant Wildland Fire Potential Outlook



November 2016



December 2016/January 2017



Significant Wildland Fire Potential



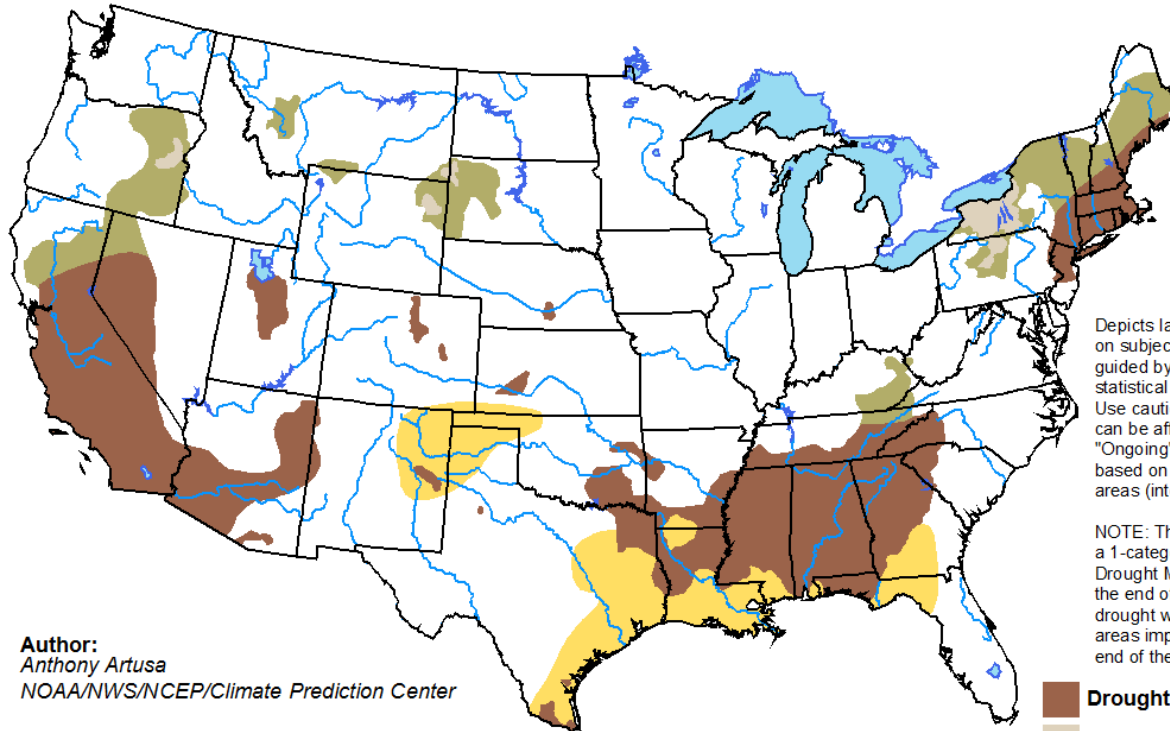
Map produced by
Predictive Services,
National Interagency Fire Center
Boise, Idaho
Issued October 1, 2016
Next issuance November 1, 2016

2016-17 Drought Outlook



U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period





Valid for October 20 - January 31, 2017
Released October 20, 2016

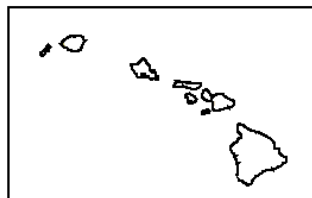
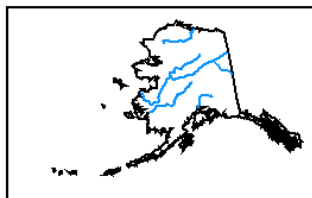


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

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NOAA/NWS/NCEP/Climate Prediction Center

-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely



<http://go.usa.gov/3eZ73>



Winter 2016-2017 Outlook Summary



- A weak La Niña is expected
 - No clear, reliable, long-term signals exist in precipitation across northern and central CA
 - Below normal precipitation is slightly favored across southern CA
 - Above normal temperatures are favored for the entire state with better odds across the southern two thirds of CA
- The drought will persist
 - Precipitation this winter will not end the drought
 - Some drought relief expected in far northern CA
- Prolonged wildland fire season across southern CA





Contact Information

Western Region

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Remember www.weather.gov
and <http://www.wrh.noaa.gov/>
are updated 24/7

